

ECOLOGY AND ENVIRONMENT, INC.

DALLAS, TEXAS

MEMORANDUM

To: Ed Sierra, Region VI RPO
Thru: K. H. Malone, Jr., FITOM *phm*
From: Brenda Nixon Cook, FIT Chemist
Date: March 15, 1989
Subj: Resampling Mission Report for Gary Job Corp
 San Marcos, Texas (TX11616630644)
 TDD #F06-8812-26
 PAN FTX0529HBA

Gary Job Corps, located approximately one mile northeast of San Marcos, Texas on Highway 21 (Figure 1), is a vocational school operated by the Department of labor for disadvantaged youth. The school occupies a part of a former World War II air base. The remainder of the air base belongs to the City of San Marcos. Previous investigations indicated two possible sources of contamination originating from the facility: contamination by lead and PCB from prior military activity; and unknown contamination from the City of San Marcos municipal landfill, located in the area northeast of the main base facility. On October 18-20, 1988, FIT sampled 2 monitoring wells and 5 residential drinking water wells near the municipal landfill at the Gary Job Corp facility in San Marcos, Texas. The results of this sampling documented a release of hazardous material to the alluvial aquifer underlying the closed landfill and lateral migration of cis-1,2-dichloroethene into nearby residential wells. As a result of these findings, the FIT was tasked by this TDD to resample the residential wells to confirm contamination.

FIT contacted well owners (b) (6) (2 wells), (b) (6) and (b) (6) prior to the sampling mission to obtain permission to sample their residential wells. The FIT was unsuccessful in contacting the owner of the fifth well, (b) (6) by phone or registered mail. On January 25, 1989, FIT members Brenda Nixon Cook, Lloyd Collins, Jim Trusley, accompanied by Lonnie Ross and Susan Gunnels of the EPA sampled the residential wells belonging to (b) (6) and (b) (6) (Figure 2). The (b) (6) well was not sampled since the FIT could not obtain permission to sample the well in the field. Upon arrival at (b) (6) home, the FIT was able to determine that the house was vacant. Temperature, conductivity and pH readings were recorded for each residential well sampled (Table 1.1). Proper drinking water sampling protocol was followed.

Four samples and a trip blank were shipped to the EPA Houston Laboratory to be analyzed for TCL organics, metals, cyanide, alkalinity and hardness. Chain-of-Custody forms are attached to this report.

TCL organic analysis of the residential wells indicated the presence of 1-1 dichloroethane, cis-1,2-dichloroethene, trichloroethene and 1-4-dichlorobenzene in the alluvial aquifer. Cis-1,2 dichloroethene was detected in all four wells. The concentrations of cis-1,2 dichloroethene for both sampling dates are presented in Table 1.2. Inorganic analysis of the residential drinking water wells indicated the presence of barium and mercury in slightly elevated concentrations in the two (b) (6) wells.

These results confirm the release of contaminants from the closed landfill into the alluvial aquifer. The presence of cis-1,2-dichloroethene in the residential wells is evidence of a lateral migration of this contaminant. The presence of these contaminants in the alluvial aquifer presents a human health hazard to the population utilizing the alluvial aquifer for their drinking water supply.

BNC/amw

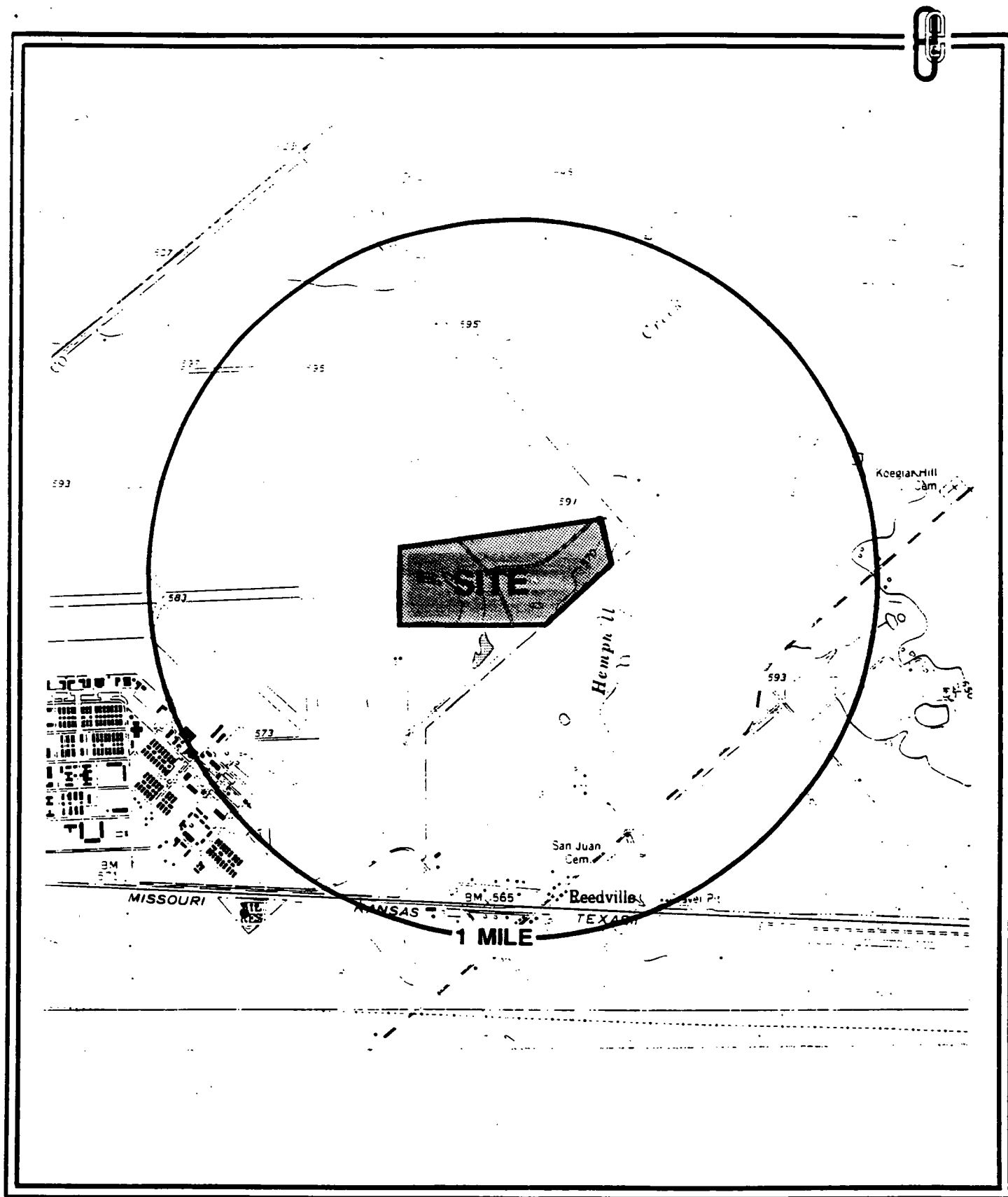


FIGURE 1
SITE LOCATION MAP
GARY JOB CORP.
SAN MARCOS, TEXAS
TX1161630644

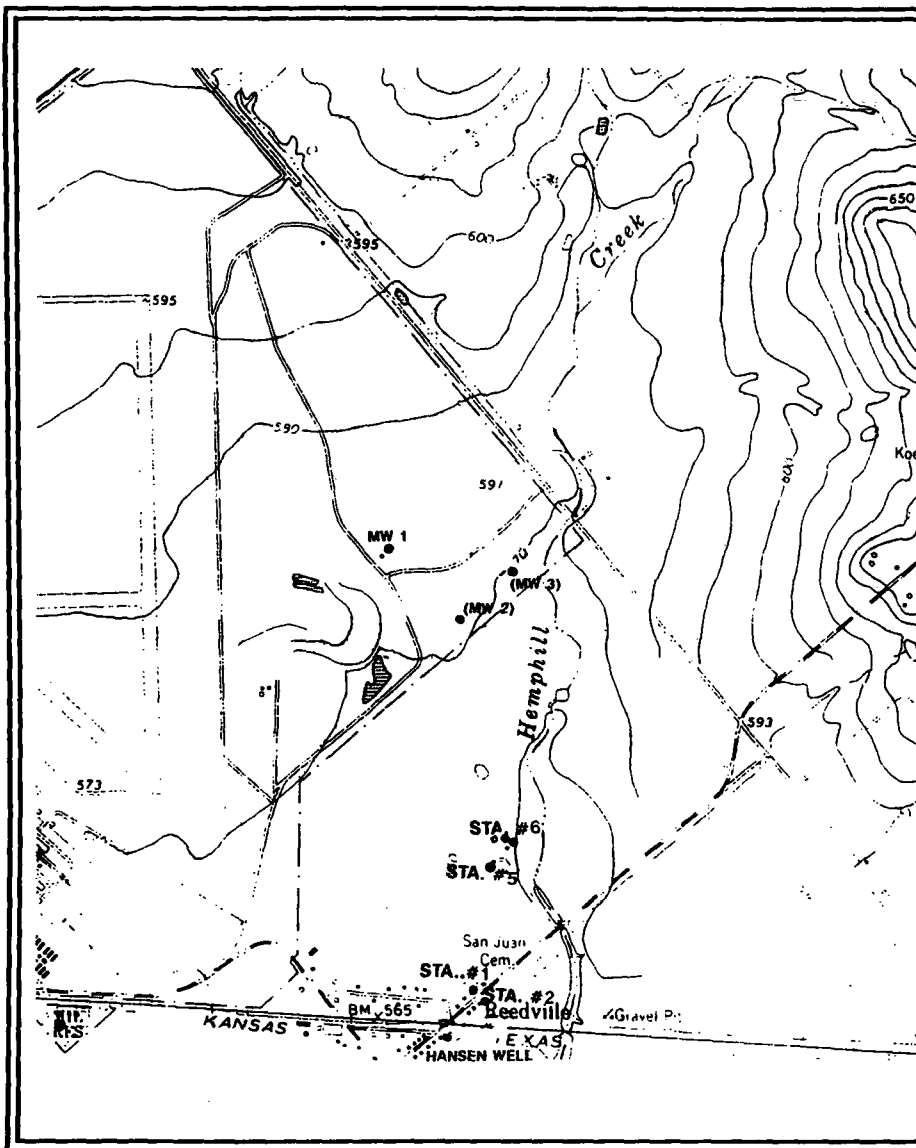


Table 1.1				
PH, Temperature and Conductivity Data				
Sta. #	Well Location	PH	Temperature	Conductivity
1	(b) (6)	6.5	21	800
2	(b) (6)	6.5	20	790
3-4	(b) (6)	unable to sample		
5	(b) (6)	6.0	23	1600
6	(b) (6)	6.5	22	1750

Temperature in degrees Celcius
Conductivity in micro mhos per centimeter

Table 1.2		
Concentration of Cis-1,2- Dichloroethene		
	Sample Date	
Well Location	10/18/88	1/25/89
(b) (6)	n.d.	5
(b) (6)	7.9	5.5
(b) (6)	6.2	17.2
(b) (6)	31.3	54.3
(b) (6)	n.d.	n.s.

concentrations in ppb
n.d.- compound not detected
n.s.- well not sampled

FIGURE 2
SAMPLING LOCATIONS
GARY JOB CORP.
SAN MARCOS, TEXAS
TX116163044

DATA QUALITY ASSURANCE REVIEW

SITE NAME: Gary Job Corp

SITE CODE: TX1161630644

PAN: FTX0529HBA

CASE NUMBER: 9TFAFB21

LABORATORY: Houston EPA

SAMPLE NUMBERS

9TFAFB21-01

9TFAFB21-02

9TFAFB21-03

9TFAFB21-04

9TFAFB21-05

REVIEWER: Brenda Nixon Cook

D^a 3/7/89

DATA EVALUATION

SITE NAME: Gary Job Corp

CASE NUMBER: 9TFAFB21

SAMPLE NUMBERS: 9TFAFB21-01, 9TFAFB21-02, 9TFAFB21-03, 9TFAFB21-04, 9TFAFB21-05

This case consists of five drinking water well samples analyzed for full TCL organics, metals, alkalinity, and hardness by the EPA Houston Laboratory. Data package is complete.

INORGANIC ANALYSIS SUMMARY FOR WATER

SITE NAME AND NUMBER: GARY JOB CORP

CASE NUMBER: 9TFAFB21

PAGE 1 OF 1

CONCENTRATIONS IN PARTS PER BILLION (PPB)

TRAFFIC REPORT NUMBER AND STATION LOCATION.

		9TFAFB211	9TFAFB212	9TFAFB214	9TFAFB213	9TFAFB215
DRINKING WATER CRITERIA		STA. 01	STA. 02	STA. 05	STA. 06	STA. 07
		RESIDENTIAL WELL	RESIDENTIAL WELL	RESIDENTIAL WELL	RESIDENTIAL WELL	TRIP BLANK
P - PRIMARY		BELONGING TO	BELONGING TO	BELONGING TO	BELONGING TO	
S - SECONDARY		(b) (6)	(b) (6)	(b) (6) WELL AT HOUSE	(b) (6) WELL BEHIND BARN	
MATRIX		WATER	WATER	WATER	WATER	WATER
% MOISTURE		0	0	0	0	0
CAS NO.						
ALUMINUM	7429-90-5	100U	100U	100U	1760	100U
ANTIMONY	7440-36-0	60U	60U	60U	60U	60U
ARSENIC	7440-38-2	50P	4.600U	4.600U	4.600U	4.600U
BARIUM	7440-39-3	1000P	67	72	128	151
BERYLLIUM	7440-41-7		5U	5U	5U	5U
CADMIUM	7440-43-9	10P	5U	5U	5U	5U
CALCIUM	7440-70-2		134000	129000	204000	261000
CHROMIUM	7440-47-3	50P	10U	10U	10U	10U
COBALT	7440-48-4		20U	20U	20U	20U
COPPER	7440-50-8	1000S	20U	20U	20U	20U
IRON	7439-89-6	300S	25U	25U	25U	1410
LEAD	7439-92-1	50P	30U	30U	30U	30U
MAGNESIUM	7439-95-4		10400	10100	16800	21300
MANGANESE	7439-96-5	50S	5U	5U	9U	25
MERCURY	7439-97-6	2P	0.200U	1.550	0.240	1.180
NICKEL	7440-02-0		20U	20	20U	20U
POTASSIUM	7440-09-7		5550	5350	7170	6920
SELENIUM	7782-49-2	10P	4.800U	4.800U	4.800U	4.800U
SILVER	7440-22-4	50P	10U	10U	10U	10U
SODIUM	7440-23-5		66900	63800	148000	160000
THALLIUM	7440-28-0		3.800U	3.800U	3.800U	3.800U
TIN	7440-31-5		0	0	0	0
VANADIUM	7440-62-2		54	55	61	70
ZINC	7440-66-6	5000S	38	92	22	45
CYANIDE			0.020U	0.020U	0.020U	0.020U
HARDNESS			377	364	579	739
ALKALINITY			344	338	374	444

R - DATA IS UNUSABLE DUE TO QA/QC OUT OF CONTROL LIMITS.

J - REPORTED CONCENTRATIONS OR DETECTION LIMITS ARE ESTIMATES DUE TO QA/QC OUT OF CONTROL LIMITS.

B - CONCENTRATION IN SAMPLE ATTRIBUTABLE TO BLANK CONTAMINATION.

U - NOT DETECTED; VALUE REPORTED IS THE DETECTION LIMIT.

TRAFFIC REPORT NUMBER AND STATION LOCATION

[illegible]

VOA - VOLATILE ABN - ACID/BASE/NEUTRAL PES - PESTICIDE/PCB

1 - TARGET COMPOUND LIST COMPOUND (TCL) 2 - TENTATIVELY IDENTIFIED COMPOUND (TIC)

J - ESTIMATED CONCENTRATION (TIC, TCL LESS THAN CRL, OR TCL WITH QA/QC OUT OF CONTROL LIMITS) U - UNDETECTED, DETECTION LIMIT

RESIDENTIAL WELL SAMPLING INFORMATION

Well #

1. Name, address and phone number of resident (include county and zip code)

(b) (6)

2. Date well was dug _____ Prior to 1913
3. Depth of well _____ less than 20ft
4. Depth to static water _____ approximately 16 feet
5. Is the well cased? Yes _____ No X Unknown _____
If so, to what depth? _____
- What type of casing is used? _____ N/A
6. Is well screened? Yes _____ No X Unknown _____
7. Is the well used for residential purposes, or for watering livestock?

What type of casing is used? N/A

6. Is well screened? Yes _____ No X Unknown _____
7. Is the well used for residential purposes, or for watering livestock?

Well is used for all domestic needs of the [REDACTED] family.

8. Any other pertinent information?

Well is located in Reedville area approximately 1/2 -3/4 mile from

San Marcos Municipal Landfill .

RESIDENTIAL WELL SAMPLING INFORMATION

Well #

1. Name, address and phone number of resident (include county and zip code)

(b) (6)

2. Date well was dug 1936

3. Depth of well approximately 30ft.

4. Depth to static water unknown

5. Is the well cased? Yes No ☒ Unknown

If so, to what depth?

What type of casing is used? N/A

6. Is well screened? Yes No ☒ Unknown

7. Is the well used for residential purposes, or for watering livestock?

Well is located in the Reedville community. Well supplies water for all domestic needs.

8. Any other pertinent information?

RESIDENTIAL WELL SAMPLING INFORMATION

Well #

1. Name, address and phone number of resident (include county and zip code)

(b) (6)

Mailing Address

(b) (6)

2. Date well was dug Unknown
3. Depth of well 25 ft.
4. Depth to static water 20 ft.
5. Is the well cased? Yes X No Unknown
- If so, to what depth? 20 ft.
- What type of casing is used? PVC
6. Is well screened? Yes No Unknown X
7. Is the well used for residential purposes, or for watering livestock?

Well is used for domestic, commercial and livestock needs.

8. Any other pertinent information?

One of two wells sampled at this location. This information corresponds to
the well located behind the house. This well supplies water to
the house and to the breeders association.

RESIDENTIAL WELL SAMPLING INFORMATION

Well #

1. Name, address and phone number of resident (include county and zip code)

(b) (6)

Mailing Address

(b) (6)

2. Date well was dug Unknown

3. Depth of well approximately 25 ft

4. Depth to static water 20ft

5. Is the well cased? Yes No X Unknown

If so, to what depth?

What type of casing is used?

N/A

6. Is well screened? Yes No X Unknown

7. Is the well used for residential purposes, or for watering livestock?

Well is used for watering livestock

u.

8. Any other pertinent information?

Well located in Reedville community. Closest well to the San Marcos

municipal landfill.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI

1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202

1/25/1989
(DATE)

RECEIPT FOR SAMPLES

NAME AND TITLE OF E.P.A. REPRESENTATIVE:

BRENDA NIXON COOK

FIT CHEMIST

Brenda Nixon Cook

(Signature)

SAMPLES COLLECTED:

SAMPLE NUMBER	TIME	PLACE COLLECTED	TYPE	VOLUME	SPLIT SAMPLE	
					REQUESTED	PROVIDED
<u>01</u>	<u> </u>	<u>well</u>	<u>W</u>	<u>7.08l</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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ACKNOWLEDGMENT OF FACILITY REPRESENTATIVE

The undersigned acknowledges that the samples described above have been collected.

NAME, TITLE AND ADDRESS OF FACILITY REPRESENTATIVE:

(b) (6)

DISTRIBUTION:

One copy facility representative
One copy for inspector's records
Original to Regional Office



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DALLAS, TEXAS 75202

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FIT CHEMIST

Brenda Nixon Cook

(Signature)

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<u>SAMPLE NUMBER</u>	<u>TIME</u>	<u>PLACE COLLECTED</u>	<u>TYPE</u>	<u>VOLUME</u>	<u>SPLIT SAMPLE</u>	
					<u>REQUESTED</u>	<u>PROVIDED</u>
<u>02</u>	<u> </u>	<u>well</u>	<u>W</u>	<u>7.08L</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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REGION VI

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DALLAS, TEXAS 752021/25/89
(DATE)RECEIPT FOR SAMPLES

NAME AND TITLE OF E.P.A. REPRESENTATIVE:

BRENDA NIXON COOK
FIT CHEMIST
Brenda Nixon Cook
(Signature)SAMPLES COLLECTED:

SAMPLE NUMBER	TIME	PLACE COLLECTED	TYPE	VOLUME	SPLIT SAMPLE	
					REQUESTED	PROVIDED
<u>05</u>	<u>---</u>	<u>well at house</u>	<u>W</u>	<u>18.24L</u>	<u>---</u>	<u>---</u>
<u>06</u>	<u>---</u>	<u>well-barn</u>	<u>W</u>	<u>7.08L</u>	<u>---</u>	<u>---</u>
<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
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One copy for inspector's records
Original to Regional Office



ecology and environment, inc.
1509 MAIN ST
DALLAS, TEX

ecology and environment, inc.
DALLAS, TEXAS



RETURN
TO
SENDER

CERTIFIED
P 457 296 612
MAIL

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS
Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits.
- Otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO

Brenda A. Haddock
(Name of Sender)
ecology and environment
(No. and Street, Apt., Suite, P.O. Box or R.D. No.)
1509 Main Street Suite 1400
(City, State, and ZIP Code)
Dallas, Texas 75201

U.S. MAIL
PENALTY FOR PRIVATE USE \$300

Certified # P 457 296 612
Return Receipt Requested

Brenda Nixon Cook
Ecology and Environment, Inc.
1509 Main Street Suite 1400
Dallas, Texas 75201

January 13, 1989

(b) (6)

A large black rectangular redaction box covers the address of the recipient.

Dear Sir:

On October 19 and 20, 1988 Ecology and Environment, Inc. sampled your drinking water well during a routine residential well sampling. Recently the U.S. Environmental Protection Agency tasked Ecology and Environment, Inc. to resample all drinking water wells that were sampled at that time. This letter is to inform you that Ecology and Environment personnel will be in the Reedville area January 25 and 26 sampling residential drinking water wells and would like to sample your drinking water well. We have tentatively arranged to sample your well after 5:00 pm on Wednesday January 25. If you have any questions concerning this sampling or any problems with us collecting a sample from your well please feel free to call me collect at (214) 742-6601 or (214) 454-7608. Your cooperation in this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brenda Nixon Cook".

Brenda Nixon Cook

FEDERAL EXPRESS

AIRBILL

USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.
USE THE INTERNATIONAL AIRWAYBILL FOR SHIPMENTS TO PUERTO RICO.
QUESTIONS? CALL 800-238-5353 TOLL FREE.

PACKAGE TRACKING NUMBER

8914934011

8914934011

SENDER'S COPY

Sender's Federal Express Account Number 0752-9540-2		Date 11/2/88	
From (Your Name) Please Print ECOLOGIC & ENVIRONMENT INC.		Your Phone Number (Very Important) () () () () () ()	
Company ECOLOGIC & ENVIRONMENT INC.		Department/Floor No. 	
Street Address 1500 MARIN BL STE 1400		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. * Zip Codes.) 	
City DALLAS TX		State TX ZIP Required 75201	
YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.) 			
PAYMENT <input type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card <input type="checkbox"/> Cash		IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address City State ZIP Required 	
SERVICES		DELIVERY AND SPECIAL HANDLING	
1 <input type="checkbox"/> PRIORITY 1 Overnight Delivery 6 <input type="checkbox"/> OVERNIGHT LETTER*		1 <input type="checkbox"/> HOLD FOR PICK-UP (Fill in Box H) 2 <input type="checkbox"/> DELIVER WEEKDAY <input type="checkbox"/> DELIVER SATURDAY (Extra charge) <input type="checkbox"/>	
2 <input type="checkbox"/> COURIER-PAK OVERNIGHT ENVELOPE* 7 <input type="checkbox"/>		4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 5 <input type="checkbox"/> CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge) (Release Signature Not Applicable)	
3 <input type="checkbox"/> OVERNIGHT BOX 8 <input type="checkbox"/>		6 <input type="checkbox"/> DRY ICE Lbs. 7 <input type="checkbox"/> OTHER SPECIAL SERVICE	
4 <input type="checkbox"/> OVERNIGHT TUBE 9 <input type="checkbox"/>		9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) 10 <input type="checkbox"/>	
5 <input type="checkbox"/> STANDARD AIR Delivery not later than second business day 10 <input type="checkbox"/>		11 <input type="checkbox"/> 12 <input type="checkbox"/> HOLIDAY DELIVERY (if offered) (Extra charge)	
*Declared Value Limit \$100		Total 3 Total 8 Total 	
		Received At 11 Regular Stop 211 On-Call Stop 311 Drop Box 411 B.S.C. 511 Station FEDEX Corp Employee No. 75594 Date/Time for FEDEX Use 1-25 8/21/27	
		SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY Use of this airbill constitutes your agreement to the service conditions in our current Service Guide which is available upon request. See back of sender's copy of this airbill for further information. We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay or non-delivery, unless you specify a higher amount in the space to the left, pay 40¢ per additional \$100 specified and document your actual loss in the event of a claim. Maximum amount limitations found in the current Federal Express Service Guide apply. Your rights to recover from Federal Express for loss of the intrinsic value of the package, as well as for loss of sales, income, interest, profit, attorneys fees, costs and any other form of damage whether direct, incidental, consequential or special is limited to the greater of \$100 or the declared value specified to the left. In no event shall your recovery exceed your actual loss. In the event of untimely delivery, Federal Express will at your request and with some limitations, refund all transportation charges paid. See Service Guide for further information. Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom. Release Signature: 	
		Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges	
		PART 8111800 REVISION DATE 1/88 PRINTED IN U.S.A. SRFCE 009 © 1988 F.E.C.	

11010254169

SENDER'S COPY

FEDERAL EXPRESS
MULTIPLE PACKAGE SERVICE

SHIPMENT DATE 1-25-89	MASTER AIRBILL NUMBER 8914934011	DESCRIPTION 23 3968939301	DESCRIPTION 33 3968939317	DESCRIPTION 3968939326	DESCRIPTION 3968939335	DESCRIPTION 3968939344
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PART #105972 GSFE REV. 10/88

REGION 6
First International Bldg., 1201 Elm St.
Dallas, Texas 75270

PROJ. NO.		PROJECT NAME				NO. OF CON- TAINERS								REMARKS
SAMPLERS: (Signature)														
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		VOAS	Extremities	Metals	Cyanide	Alkalinity	Hardness		
01	1/25/89	1739		✓	(b) (6)	10	2	4	1	1	1	1	6-016016-6-016018-6-016020-6-016022-6-016024-6-016026-6-016028-6-016030-6-016032-6-016034-6-016036-6-016038-6-016040-6-016042-6-016044-6-016046-6-016048-6-016050-6-016052-6-016054-6-016056-6-016058-6-016060-6-016062-6-016064-6-016066-6-016068-6-016070-6-016072-6-016074-6-016076-6-016078-6-016080-6-016082-6-016084-6-016086-6-016088-6-016090-6-016092-6-016094-6-016096-6-016098-6-016100	
02	1/25/89	1755		✓	(b) (6)	10	2	4	1	1	1	1	6-016017-6-016019-6-016021-6-016023-6-016025-6-016027-6-016029-6-016031-6-016033-6-016035-6-016037-6-016039-6-016041-6-016043-6-016045-6-016047-6-016049-6-016051-6-016053-6-016055-6-016057-6-016059-6-016061-6-016063-6-016065-6-016067-6-016069-6-016071-6-016073-6-016075-6-016077-6-016079-6-016081-6-016083-6-016085-6-016087-6-016089-6-016091-6-016093-6-016095-6-016097-6-016099-6-016101-6-016103-6-016105-6-016107-6-016109-6-016111-6-016113-6-016115-6-016117-6-016119-6-016121-6-016123-6-016125-6-016127-6-016129-6-016131-6-016133-6-016135-6-016137-6-016139-6-016141-6-016143-6-016145-6-016147-6-016149-6-016151-6-016153-6-016155-6-016157-6-016159-6-016161-6-016163-6-016165-6-016167-6-016169-6-016171-6-016173-6-016175-6-016177-6-016179-6-016181-6-016183-6-016185-6-016187-6-016189-6-016191-6-016193-6-016195-6-016197-6-016199-6-016201-6-016203-6-016205-6-016207-6-016209-6-016211-6-016213-6-016215-6-016217-6-016219-6-016221-6-016223-6-016225-6-016227-6-016229-6-016231-6-016233-6-016235-6-016237-6-016239-6-016241-6-016243-6-016245-6-016247-6-016249-6-016251-6-016253-6-016255-6-016257-6-016259-6-016261-6-016263-6-016265-6-016267-6-016269-6-016271-6-016273-6-016275-6-016277-6-016279-6-016281-6-016283-6-016285-6-016287-6-016289-6-016291-6-016293-6-016295-6-016297-6-016299-6-016301-6-016303-6-016305-6-016307-6-016309-6-016311-6-016313-6-016315-6-016317-6-016319-6-016321-6-016323-6-016325-6-016327-6-016329-6-016331-6-016333-6-016335-6-016337-6-016339-6-016341-6-016343-6-016345-6-016347-6-016349-6-016351-6-016353-6-016355-6-016357-6-016359-6-016361-6-016363-6-016365-6-016367-6-016369-6-016371-6-016373-6-016375-6-016377-6-016379-6-016381-6-016383-6-016385-6-016387-6-016389-6-016391-6-016393-6-016395-6-016397-6-016399-6-016401-6-016403-6-016405-6-016407-6-016409-6-016411-6-016413-6-016415-6-016417-6-016419-6-016421-6-016423-6-016425-6-016427-6-016429-6-016431-6-016433-6-016435-6-016437-6-016439-6-016441-6-016443-6-016445-6-016447-6-016449-6-016451-6-016453-6-016455-6-016457-6-016459-6-016461-6-016463-6-016465-6-016467-6-016469-6-016471-6-016473-6-016475-6-016477-6-016479-6-016481-6-016483-6-016485-6-016487-6-016489-6-016491-6-016493-6-016495-6-016497-6-016499-6-016501-6-016503-6-016505-6-016507-6-016509-6-016511-6-016513-6-016515-6-016517-6-016519-6-016521-6-016523-6-016525-6-016527-6-016529-6-016531-6-016533-6-016535-6-016537-6-016539-6-016541-6-016543-6-016545-6-016547-6-016549-6-016551-6-016553-6-016555-6-016557-6-016559-6-016561-6-016563-6-016565-6-016567-6-016569-6-016571-6-016573-6-016575-6-016577-6-016579-6-016581-6-016583-6-016585-6-016587-6-016589-6-016591-6-016593-6-016595-6-016597-6-016599-6-016601-6-016603-6-016605-6-016607-6-016609-6-016611-6-016613-6-016615-6-016617-6-016619-6-016621-6-016623-6-016625-6-016627-6-016629-6-016631-6-016633-6-016635-6-016637-6-016639-6-016641-6-016643-6-016645-6-016647-6-016649-6-016651-6-016653-6-016655-6-016657-6-016659-6-016661-6-016663-6-016665-6-016667-6-016669-6-016671-6-016673-6-016675-6-016677-6-016679-6-016681-6-016683-6-016685-6-016687-6-016689-6-016691-6-016693-6-016695-6-016697-6-016699-6-016701-6-016703-6-016705-6-016707-6-016709-6-016711-6-016713-6-016715-6-016717-6-016719-6-016721-6-016723-6-016725-6-016727-6-016729-6-016731-6-016733-6-016735-6-016737-6-016739-6-016741-6-016743-6-016745-6-016747-6-016749-6-016751-6-016753-6-01	

6-06031

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME				NO. OF CON- TAINERS	REMARKS								
SAMPLERS: (Signature)							REMARKS								
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		Volatiles	Ext. Hardw. As	Metals	Cyanide	Hardness	Alkalinity			
05	1/25/87	1456 1511		✓	(b) (6) well at house	26	6	12	2	2	2	2	TAG # 6-016056	6-016059	
06	1/25/87												6-016057	6-016060	
													6-016058	6-016061	
													6-016062	6-016063	
													6-016064	6-016065	
													6-016066	6-016067	
													6-016068	6-016069	
													6-016070	6-016071	
													6-016072	6-016073	
													6-016074	6-016075	
													6-016076	6-016077	
													6-016078	6-016079	
													6-016080	6-016081	
Relinquished by: (Signature)						Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)						Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)						Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks			

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6-06033

REGION 6
First International Bldg., 1201 Elm St.
Dallas, Texas 75270

[illegible]

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6-06034